## JC07 Rec'd PCT/PTO 2 0 FEB 2002

| FORM PTO 390<br>(REV 11-2000)  |  |  | OF COMMERCE PATENT AND TRADEMARK OFFICE                     | ATTORNEY'S DOCKET NUMBER 35-224                 |  |  |  |  |  |  |  |  |  |  |
|--|--|--|---|---|--|--|--|--|--|--|--|--|--|--|
|  |  |  | R TO HE UNITED STATES                                       | U.S. API  |  |  |  |  |  |  |  |  |  |  |
|  |  | DESIGNATED/ELEC  | CTED OFFICE (DO/EO/US)                                      | 10/020 474                                      |  |  |  |  |  |  |  |  |  |  |
| CONCERNING A FILING UNDER 35 U.S.C. 371  INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED |  |  |   |   |  |  |  |  |  |  |  |  |  |  |
| INTE   |  | PCT/EP00/04675   | 23/05/2000  | 12 July 1999                                    |  |  |  |  |  |  |  |  |  |  |
|  |  |  | <u> </u>  |   |  |  |  |  |  |  |  |  |  |  |
| TITL   | -E OF  | INVENTION  | DATA STORAGE MEDIUM   |   |  |  |  |  |  |  |  |  |  |  |
| ADE  |  | NT(S) FOR DO/EO/US   |   |   |  |  |  |  |  |  |  |  |  |  |
|  | LIOA   | 111(0)101111111111111111111111111111111  | LEIBER, J. et al.   |   |  |  |  |  |  |  |  |  |  |  |
| App  | licant   | herewith submits to the Unite  | ed States Designated/Elected Office (DO/EO/                 | US) the following items and other information:  |  |  |  |  |  |  |  |  |  |  |
| 1.   | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. |  |   |   |  |  |  |  |  |  |  |  |  |  |
| 2.   | $\boxtimes$  | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.  |   |   |  |  |  |  |  |  |  |  |  |  |
| 3.   |  | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.  |   |   |  |  |  |  |  |  |  |  |  |  |
| 4.   |  | The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).  |   |   |  |  |  |  |  |  |  |  |  |  |
| 5.   | A cc   | copy of the International Application as filed (35 U.S.C. 371(c)(2)).  |   |   |  |  |  |  |  |  |  |  |  |  |
|  | a.   | The state of the s |   |   |  |  |  |  |  |  |  |  |  |  |
|  | b.  has been communicated by the International Bureau.                       |  |   |   |  |  |  |  |  |  |  |  |  |  |
|  | C.   |  |   |   |  |  |  |  |  |  |  |  |  |  |
| 6.   |  | An English language transla  | ation of the International Application as filed (3          | 35 U.S.C. 371(c)(2)).                           |  |  |  |  |  |  |  |  |  |  |
|  | a.   | is attached hereto.  |   |   |  |  |  |  |  |  |  |  |  |  |
|  | , b.   | has been previously su   | ubmitted under 35 U.S.C. 154(d)(4).                         |   |  |  |  |  |  |  |  |  |  |  |
| 7.   |  | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))   |   |   |  |  |  |  |  |  |  |  |  |  |
|  | a.   | are attached hereto (re  | equired only if not communicated by the Interr              | national Bureau).                               |  |  |  |  |  |  |  |  |  |  |
|  | b.   | have been communicated by the International Bureau.  |   |   |  |  |  |  |  |  |  |  |  |  |
|  | c.   | have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.   |   |   |  |  |  |  |  |  |  |  |  |  |
| •  | d.   | have not been made and will not be made.   |   |   |  |  |  |  |  |  |  |  |  |  |
| 8.   |  | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).  |   |   |  |  |  |  |  |  |  |  |  |  |
| 9.   | $\boxtimes$  | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).   |   |   |  |  |  |  |  |  |  |  |  |  |
| 10.  |  | A English language translati<br>Article 36 (35 U.S.C. 3  | ion of the annexes of the International Prelimi (71(c)(5)). | nary Examination Report under PCT               |  |  |  |  |  |  |  |  |  |  |
|  | Item   | s 11 To 20 below concern   | document(s) or information included:                        |   |  |  |  |  |  |  |  |  |  |  |
| 11.  | · 🛛  | An Information Disclosure S  | statement under 37 C.F.R. 1.97 and 1.98.                    |   |  |  |  |  |  |  |  |  |  |  |
| 12.  | $\boxtimes$  | An assignment document for   | r recording. A separate cover sheet in compl                | iance with 37 C.F.R. 3.28 and 3.31 is included. |  |  |  |  |  |  |  |  |  |  |
| 13.  |  | A FIRST preliminary amendment.   |   |   |  |  |  |  |  |  |  |  |  |  |
| 14.  |  | A SECOND or SUBSEQUE   | NT preliminary amendment.                                   |   |  |  |  |  |  |  |  |  |  |  |
| 15.  |  | A substitute specification.  |   |   |  |  |  |  |  |  |  |  |  |  |
| 16.  |  | A change of power of attorn  | ey and/or address letter.                                   |   |  |  |  |  |  |  |  |  |  |  |
| 17.  |  | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.  |   |   |  |  |  |  |  |  |  |  |  |  |
| 18.  |  | A second copy of the published international application under 35 U.S.C. 154(d)(4).  |   |   |  |  |  |  |  |  |  |  |  |  |
| 19.  |  | A second copy of the Englis  | h language translation of the international ap              | plication under 35 U.S.C. 154(d)(4).            |  |  |  |  |  |  |  |  |  |  |
| 20.  | П  | Other items or information.  |   |   |  |  |  |  |  |  |  |  |  |  |

20 FFR 2002 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1390 35-224 (RÊV 11-2000) ION NO. (If known, see 37 C.F.R. 1.5) US AF HE UNITED STATES TRANSMITTAL LETTER T DESIGNATED/ELECTED FFICE (DO/EO/US) 10/030,474 **CONCERNING A FILING UNDER 35 U.S.C. 371** INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. 12 July 1999 PCT/EP00/04675 23/05/2000 TITLE OF INVENTION **DATA STORAGE MEDIUM** APPLICANT(S) FOR DO/EO/US LEIBER, J. et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 冈 2. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include 3. items (5), (6), (9) and (21) indicated below. The U.S. has been elected by the expiration of 19 months from the priority date (Article 31). 4.  $\Box$ A copy of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto (required only if not communicated by the International Bureau). a. has been communicated by the International Bureau. b. is not required, as the application was filed in the United States Receiving Office (RO/US). C. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). 6. is attached hereto. a. has been previously submitted under 35 U.S.C. 154(d)(4). b. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) 7. · 🔲 are attached hereto (required only if not communicated by the International Bureau). a. have been communicated by the International Bureau. b. have not been made; however, the time limit for making such amendments has NOT expired. C. have not been made and will not be made. d. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. П An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  $\boxtimes$ 9. A English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 To 20 below concern document(s) or information included: An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 11. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 12. 冈 A FIRST preliminary amendment. 13. A SECOND or SUBSEQUENT preliminary amendment. 14.

## 18. A second copy of the published international application under 35 U.S.C. 154(d)(4).

A change of power of attorney and/or address letter.

19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. Other items or information.

15.

16.

17.

A substitute specification.

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.

| U.S. APPLICATION NO. (If kno<br>10/030,4   |               | R. 1.        | INTERNATIONAL APPLICAT PCT/EP00/0467               |          |                  | ATTO              | 35-224              | NÜI      | /BER        |  |  |  |
|--|---------------|--------------|--|----------|------------------|-------------------|---------------------|----------|-------------|--|--|--|
| 21.   The following fe   |               | itted:       | 1 0 1/21 00/040                                    |          |                  | T <sub>C</sub> /  | ALCULATIONS         | PΤ       | O USE ONLY  |  |  |  |
| BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):  Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO  |               |              |  |          |                  |                   |                     |          |             |  |  |  |
| International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$890.00   |               |              |  |          |                  |                   |                     |          |             |  |  |  |
| International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO\$740.00   |               |              |  |          |                  |                   |                     |          |             |  |  |  |
| International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$710.00   |               |              |  |          |                  |                   |                     |          |             |  |  |  |
| International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00   |               |              |  |          |                  |                   |                     |          |             |  |  |  |
| ENTER APPROPRIATE BASIC FEE AMOUNT =   |               |              |  |          |                  |                   |                     |          | <u>-</u>    |  |  |  |
| Surcharge of \$130.00 fo<br>months from the earliest   | \$            | 0.00         |  |          |                  |                   |                     |          |             |  |  |  |
| CLAIMS   | NUMBE         |              | NUMBER EXTRA                                       |          | ATE              | Ļ                 |                     |          |             |  |  |  |
| Total Claims   | 20            | -20 =        | 0  | X        | \$18.00          | \$                | 0.00                | <u> </u> |             |  |  |  |
| Independent Claims   | 3             | -3 =         | 0  | X        | \$84.00<br>80.00 |                   | 0.00                | <u> </u> |             |  |  |  |
| MULTIPLE DEPENDEN  | I CLAINS(S)   | (п аррпсави  | TOTAL OF AB  |          |                  | \$<br>\$          | 0.00<br><b>0.00</b> | H        |             |  |  |  |
| Applicant claims sn are reduced by 1/2   |               | tus. See 37  | CFR 1.27. The fees indica                          |          | OLATIONS =       | Ψ                 | 0.00                | <u> </u> |             |  |  |  |
| are reduced by 1/2   | •             |              |  |          | SUBTOTAL =       | \$                | 0.00                | ┢        |             |  |  |  |
| Processing fee of \$130.0 months from the earliest   |               |              | sh Translation later than                          |          |                  | Ť                 | 0.00                |          |             |  |  |  |
| monuis nom the earliest  | ONAL FEE =    | \$           | 0.00   | $\vdash$ |                  |                   |                     |          |             |  |  |  |
| Fee for recording the eng  | closed assign | ment (37 C I | R. 1.21(h)). The assignr                           |          |                  | ۲                 | 0.00                | ┢        | ·           |  |  |  |
| accompanied by an appr   |               | \$           | 40.00  |          |                  |                   |                     |          |             |  |  |  |
| Fee for Petition to Revive   | \$            | 0.00         |  |          |                  |                   |                     |          |             |  |  |  |
| TOTAL FEES ENCLOSED =  |               |              |  |          |                  |                   | 40.00               |          |             |  |  |  |
|  |               |              |  |          |                  | Α                 | mount to be:        |          |             |  |  |  |
|  |               |              |  |          |                  | refunded \$       |                     |          |             |  |  |  |
|  |               |              |  |          |                  | L                 | Charged             | \$       |             |  |  |  |
| <ul> <li>a.  A check in the amount of \$40.00 to cover the above fees is enclosed.</li> <li>b. Please charge my Deposit Account No. 14-1140 in the amount of \$ to cover the above fees.  A duplicate copy of this form is enclosed.</li> <li>c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.</li> <li>d.  The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application.</li> </ul> |               |              |  |          |                  |                   |                     |          |             |  |  |  |
|  |               |              | 37 C.F.R. 1.494 or 1.495 happlication to pending s |          | n met, a petiti  | on 1              | o revive (37 C      | ).F.F    | ł. 1.137(a) |  |  |  |
| SEND ALL CORRESPO  | NDENCE TO     | ):           |  |          | Const            | 4                 | who                 |          |             |  |  |  |
|  | URE           |              | /  |          |                  |                   |                     |          |             |  |  |  |
| NIXON & VANDERHYE<br>1100 North Glebe Road,  |               | •            |  |          |                  |                   |                     |          |             |  |  |  |
| Arlington, Virginia 22201  |               |              |  |          |                  |                   |                     |          |             |  |  |  |
| Telephone: (703) 816-40  |               |              |  | NAME     | R. Crawford      |                   |                     |          | <del></del> |  |  |  |
|  |               |              |  |          |                  |                   |                     |          |             |  |  |  |
| 25,327   |               |              |  |          |                  | February 20, 2002 |                     |          |             |  |  |  |
|  | _             |              |  | REGIST   | RATION NUMBE     | ER                | Date                |          |             |  |  |  |